## EAST Search History

| Ref # | Hits | Search Query   | DBs                        | Default<br>Operator | Plurals | Time Stamp          |
|-------|------|--|----------------------------|---------------------|---------|---------------------|
| S1    | 1    | 10/549636  | US-PGPUB;<br>USPAT         | OR                  | ON      | 2008/02/26<br>14:46 |
| S2    | 4    | (HIRAI-HIDEAKI<br>and KOIDE-<br>HIROSHI and<br>AKIYAMA-<br>HIROSHI).in.  | US-PGPUB;<br>USPAT;<br>JPO | OR                  | ON      | 2008/02/26<br>15:02 |
| S3    | 605  | "369".clas. and<br>(tilt near3 (beam<br>laser (light near3<br>(source<br>emitter))))   | US-PGPUB;<br>USPAT;<br>JPO | OR                  | ON      | 2008/02/28<br>09:38 |
| S5    | 195  | "369".clas. and ((tilt near3 (beam laser (light near3 (source emitter)))) same ((read\$3 reproduc \$4 writ\$3 record \$3) near3 (beam laser (light near3 (source emitter))))                             | US-PGPUB;<br>USPAT         | OR                  | ON      | 2008/02/28<br>09:40 |
| S4    | 523  | "369".clas. and<br>(tilt near3 (beam<br>laser (light near3<br>(source<br>emitter)))) and<br>((read\$3 reproduc<br>\$4 writ\$3 record<br>\$3) near3 (beam<br>laser (light near3<br>(source<br>emitter)))) | US-PGPUB;<br>USPAT         | OR                  | ON      | 2008/02/28 09:40    |

| \$6        | 93 | "369".clas. and ((tilt near3 (beam laser (light near3 (source emitter)))) same ((reat\$3 reproduc \$4 writ\$3 record \$3) near3 (beam laser (light near3 (source emitter)))) same ((tilt inclination) near3 (measur\$5 detect\$3 determin \$5 sens\$3 monitor\$3)))               | US-PGPUB;<br>USPAT | OR | ON | 2008/02/28<br>09:41 |
|------------|----|---|--------------------|----|----|---------------------|
| \$7        | 94 | "369".clas. and ((tilt near3 (beam laser (light near3 (source emitter)))) same ((read\$3 reproduc \$4 writ\$3 record \$3) near3 (beam laser (light near3 (source emitter)))) same ((tilt inclination)) near3 (calculat\$3 measur\$5 detect \$3 determin\$5 sens\$3 monitor \$3))) | US-PGPUB;<br>USPAT | OR | ON | 2008/02/28<br>09:42 |
| <b>S</b> 8 | 3  | "369".clas. and ((tilt adj t (beam laser (light near3 (source emitter)))) same ((read\$3 reproduc \$4 writ\$3 record \$3) near3 (beam laser (light near3 (source emitter)))) same ((tilt inclination) near3 (calculat\$3 measur\$5 detect   | US-PGPUB;<br>USPAT | OR | ON | 2008/02/28<br>09:43 |

|           | *************************************** | \$3 determin\$5<br>sens\$3 monitor<br>\$3)))   | *************************************** |    | *************************************** | *************************************** |
|-----------|---|--|---|----|---|---|
| <b>S9</b> | 5                                       | "369".clas. and (((tilt second) ad]1 (beam laser (light near3 (source emitter)))) with ((tilt\$3 inclin\$5) near3 (phase period window tim\$3)))   | US-PGPUB;<br>USPAT                      | OR | ON                                      | 2008/02/28<br>09:54                     |
| S10       | 11                                      | "369".clas. and (((tilt second separate) near2 (beam laser (light near3 (beam source emitter)))) with ((tilt\$3 inclin\$5) near3 (calculat\$3 measur\$5 detect \$3 determin\$5 sens\$3 monitor \$3) near3 (phase period window tim\$3))) | US-PGPUB;<br>USPAT                      | OR | ON                                      | 2008/02/28<br>09:57                     |
| S11       | 11                                      | "369".clas. and (((tilt second separate) near2 (beam laser (light near3 (beam source emitter)))) same ((tilt\$3 inclin\$5) near3 (calculat\$3 measur\$5 detect \$3 determin\$5 sens\$3 monitor \$3) near3 (phase period window tim\$3))) | US-PGPUB;<br>USPAT                      | OR | ON                                      | 2008/02/28<br>12:58                     |

| S13 | *************************************** | "366" clas. and ((((tilt second separate) near2 (beam laser (light near3 (beam source emitter)))) with (((tilt\$3 inclin\$5) near3 (calculat\$3 measur\$5 detect \$3 determin\$5 sens\$3 monitor \$3) near3 (phase period window tim\$3 mode state))) | US-PGPUB;<br>USPAT | OR | ON | 2008/02/28<br>12:59 |
|-----|---|---|--------------------|----|----|---------------------|
| S12 | 16                                      | "369".clas. and (((titit second separate) near2 (beam laser (light near3 (beam source emitter)))) same ((titit\$3 inclin\$5) near3 (calculat\$3 measur\$5 detect \$3 determin\$5 sens\$3 monitor \$3) near3 (phase period window tim\$3 mode state))) | US-PGPUB;<br>USPAT | OR | ON | 2008/02/28<br>12:59 |
| S14 | 9                                       | "369".clas. and<br>((periodic\$4<br>intermittent\$2)<br>near5 ((tilt\$3<br>inclin\$5) near3<br>(detect\$3 monitor<br>\$3 determin\$5<br>calculat\$3)))  | US-PGPUB;<br>USPAT | OR | ON | 2008/02/28<br>13:45 |
| L5  | 844                                     | "369".clas. and<br>(normal\$7 near3<br>error)   | US-PGPUB;<br>USPAT | OR | ON | 2008/02/29<br>17:16 |

| L4 | 1250 | "369".clas. and<br>((tilt\$3 inclinat<br>\$3) near3<br>(calculat\$3<br>measur\$5 detect<br>\$3 determin\$5<br>sens\$3 monitor<br>\$3))   | US-PGPUB;<br>USPAT | OR | ON | 2008/02/29<br>17:16 |
|----|------|--|--------------------|----|----|---------------------|
| L9 | 19   | ((periodic\$4<br>intermittent\$2)<br>near5 ((tilt\$3<br>inclin\$5) near3<br>(detect\$3 monitor<br>\$3 determin\$5<br>calculat\$3)))  | EPO; JPO           | OR | ON | 2008/02/29<br>17:18 |
| L8 | 26   | ((tilt near3 (beam laser (light near3 (source emitter)))) same ((read\$3 reproduc \$4 writ\$5 record \$3) near3 (beam laser (light near3 (source emitter)))) same ((tilt inclination) near3 (calculat\$3 measur\$5 detect \$3 determin\$5 sens\$3 monitor \$3))) | EPO; JPO           | OR | ON | 2008/02/29<br>17:18 |
| L7 | 4    | "369".clas. and ((tilt near3 (beam laser (light near3 (source emitter)))) same ((read\$3 reproduc \$4 writ\$3 record \$3) near3 (beam laser (light near3 (source emitter)))) same ((tilt inclination) near3 (calculat\$3 measur\$5 detect \$3 determin\$5        | EPO; JPO           | OR | ON | 2008/02/29<br>17:18 |

|     |     | sens\$3 monitor<br>\$3)))   |                    |    |    |                     |
|-----|-----|---|--------------------|----|----|---------------------|
| L6  | 18  | "369".clas. and ((((till\$3 inclinat \$3) near3 (calculat\$3 measur\$5 detect \$3 determin\$5 sens\$3 monitor \$3)) with (compar \$4 difference subtract\$3) with ((stored saved previous\$2 held) near3 (value amount))) | US-PGPUB;<br>USPAT | OR | ON | 2008/02/29<br>17:18 |
| L10 | 312 | "369".clas. and<br>((((tilt\$3 inclinat<br>\$3) near3<br>(calculat\$3<br>measur\$5 detect<br>\$3 determin\$5<br>sens\$3 monitor<br>\$3)) with<br>((second tilt)<br>near3 (light laser<br>beam)))                          | US-PGPUB;<br>USPAT | OR | ON | 2008/02/29<br>17:20 |
| L12 | 99  | "369".clas. and ((((till\$3 inclinat \$3) near3 (calculat\$3 measur\$5 detect \$3 determin\$5 sens\$3 monitor \$3)) with ((((second tilt) near3 (light laser beam)) near3 reflect\$3))                                    | US-PGPUB;<br>USPAT | OR | ON | 2008/02/29<br>17:21 |

| L11 | 471 | "369".clas. and (((tilt\$3 inclinat \$3) near3 (calculat\$3 measur\$5 detect \$3 determin\$5 sens\$3 monitor \$3)) with (((second tilt) near3 (light laser beam)) reflect \$3))  | US-PGPUB;<br>USPAT | OR | ON | 2008/02/29<br>17:21 |
|-----|-----|--|--------------------|----|----|---------------------|
| L16 | 0   | 9 and 13   | US-PGPUB;<br>USPAT | OR | ON | 2008/02/29<br>17:22 |
| L15 | 0   | 14 and 9   | US-PGPUB;<br>USPAT | OR | ON | 2008/02/29<br>17:22 |
| L14 | 72  | 12 and 13  | US-PGPUB;<br>USPAT | OR | ON | 2008/02/29<br>17:22 |
| L13 | 356 | "369".clas. and (((tilt\$3 inclinat \$3) near3 (calculat\$3 measur\$5 detect \$3 determin\$5 sens\$3 monitor \$3)) with (compar \$4 difference subtract\$3))   | US-PGPUB;<br>USPAT | OR | ON | 2008/02/29<br>17:22 |
| L18 | 15  | "369".clas. and ((((till\$3 inclinat \$3) near3 (calculat\$3 measur\$5 detect \$3 determin\$5 sens\$3 monitor \$3)) with (((second tilt) near3 (light laser beam)) reflect\$3) with (during near4 (recording reproduc\$4 read \$3 writ\$3))) | US-PGPUB;<br>USPAT | OR | ON | 2008/02/29<br>17:24 |

| L17 | 261 | "369".clas. and ((((till\$3 inclinat \$3) near3 (calculat\$3 measur\$5 detect sens\$3 monitor \$3)) with ((((second tilt) near3 ((ight laser beam)) reflect\$3) with (recording reproduc\$4 read \$3 writ\$3)) | US-PGPUB;<br>USPAT           | OR | ON | 2008/02/29<br>17:24 |
|-----|-----|--|------------------------------|----|----|---------------------|
| L19 | 8   | ("5302834"  <br>"5523989"  <br>"5751680"  <br>"5768232"  <br>"6172958"  <br>"6246648"  <br>"6304526"  <br>"6353587").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/02/29<br>17:25 |

<sup>2/29/2008 5:47:55</sup> PM

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